

03/840,451

	Type	L #	Hits	Search Text	DBs	Time Stamp	Com ments	Err or Defini tion	Err ors
1	BR S	L1	19808	monitor\$3 and remot\$4 and ((air adj conditioning) or hvac or heat\$3) and replac\$3	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	2005/02/07 12:42			
2	BR S	L2	2417425	lease\$1 or lesses or rent\$3	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	2005/02/07 12:07			
3	BR S	L3	16172	1 and 2	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	2005/02/07 12:07			
4	BR S	L4	4	monitor\$3 with remot\$4 with ((air adj conditioning) or hvac or heat\$3) with replac\$3	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	2005/02/07 12:36			
5	BR S	L5	4	3 and 4	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	2005/02/07 12:07			
6	BR S	L6	17	monitor\$3 with remot\$4 with ((air adj conditioning) or hvac or heat\$3) with maintenance	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	2005/02/07 12:37			
7	BR S	L7	16	6 not 5	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	2005/02/07 12:37			
8	BR S	L8	12054	monitor\$3 and remot\$4 and (exceed\$3 or below) with (threshold or load) and replac\$3	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	2005/02/07 12:41			
9	BR S	L9	3975	1 and 8	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	2005/02/07 12:41			
10	BR S	L10	554	monitor\$3 with remot\$4 with ((air adj conditioning) or hvac or heat\$3)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	2005/02/07 12:42			
11	BR S	L12	808	evaporative with condenser	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	2005/02/07 12:43			
12	BR S	L13	1	11 and 12	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	2005/02/07 12:43			
13	BR S	L11	30	9 and 10	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	2005/02/07 12:43			



2

JOHN G. WEISS  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 3600

# STIC EIC 3600 Search Request Form

144367

Today's Date:

2/7/2005

Priority Date:

4/24/2001

For 705 Searches list subclass:

Your Name Igor BORISSOV

Is this a Rush? ☒ YES ☐ NO

SPE's Signature \_\_\_\_\_

AU 3629 Examiner # 79247

Is this a first action amendment? YES ☒ NO ☐

Room # CPKS-7c22 Phone 305-4649

Is this a refocus? YES ☒ NO ☐

Serial # 09/840,451

Access # \_\_\_\_\_

What is the focus of this search? Please include concepts, synonyms etc.

Attach a copy of the abstract, pertinent claims and your East search strategy. Thanks.

See claim 13 attached.

STIC Searcher \_\_\_\_\_ Phone \_\_\_\_\_

Date picked up \_\_\_\_\_ Date completed \_\_\_\_\_



02-07-05A11:01 RCVD

Set	Items	Description
S1	5684	AU=(KAWAMURA K? OR KAWAMURA, K?)
S2	2730285	HEAT? ? OR HEATING OR COOLING OR AIRCONDITION? OR AIR()CON- DITION?
S3	767897	TRACK? OR TRACING OR MONITOR? OR TRACE? ?
S4	2545145	USER? ? OR CONSUMER? OR PERSON? OR INDIVIDUAL? OR MEMBER? - OR SOMEONE OR ANYONE OR PEOPLE? OR CUSTOMER? OR PARTY OR PART- IES OR BUYER? OR CLIENT?
S5	7219658	USE OR USEAGE OR USAGE
S6	2708503	ONLINE OR ON()LINE OR INTERNET OR INTRANET? OR NETWORK? ? - OR SERVER? ? OR WEB? OR PORTAL? OR WWW OR CYBER? OR ELECTRONI- C?
S7	14569	S2(15N)S3
S8	432	S7(10N)S6
S9	137	S8(20N)(UNIT? ? OR DEVICE? ? OR APPLIANCE? ? OR GADGET? ?)
S10	24	S9 AND S4
S11	3	S1 AND S7
S12	26	S10 OR S11

? show file

File 347:JAPIO Nov 1976-2004/Sep(Updated 050204)  
(c) 2005 JPO & JAPIO

File 350:Derwent WPIX 1963-2005/UD,UM &UP=200508  
(c) 2005 Thomson Derwent

12/5/1 (Item 1 from file: 347)  
DIALOG(R)File 347:JAPIO  
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07691352 \*\*Image available\*\*  
SYSTEM AND METHOD OF CONTROLLING HEAT SOURCE MACHINE FOR AIR CONDITIONER

PUB. NO.: 2003-185232 [JP 2003185232 A]  
PUBLISHED: July 03, 2003 (20030703)  
INVENTOR(s): KOMATSU TOSHIHIRO  
NAKAJIMA TADAKATSU  
NISHIGUCHI AKIRA  
FUJII TATSURO  
NOSHIRO MASARU  
SEKIGUCHI KYOICHI  
MACHIZAWA KENJI  
HANAWA YOSHIKAZU  
NAKAJIMA TOMIO  
NASHIMOTO HARUO  
APPLICANT(s): HITACHI BUILDING SYSTEMS CO LTD  
APPL. NO.: 2002-298882 [JP 2002298882]  
FILED: October 11, 2002 (20021011)  
PRIORITY: 2001-315318 [JP 2001315318], JP (Japan), October 12, 2001  
(20011012)  
INTL CLASS: F24F-011/02

ABSTRACT

PROBLEM TO BE SOLVED: To provide a control system and a control method capable of accurately estimating a maintenance time before the deterioration of performance and abnormality of a heat source machine for an **air conditioner** occurs.

SOLUTION: A **heat source device** control method or a maintenance service are provided to **monitor** the operating condition of the **heat source machine 101** for an **air conditioner** with a central **monitor device 10** connected through an information communication **network** and to diagnose progress of the deterioration of performance and degree of abnormality by analyzing the operation data of the heat source machine 101 and to reduce a loss of a **user 100** due to the deterioration of performance and a stop of the heat source machine 101 by a failure. Furthermore, a remote concentrated control method is provided to grasp a load to be applied to the heat source machine 101 with the central monitor device 10 and to restrict the operation cost to the minimum.

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12/5/2 (Item 2 from file: 347)  
DIALOG(R)File 347:JAPIO  
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05695506 \*\*Image available\*\*  
DRYER FOR REGENERATING WASTE MATERIAL OF ASPHALT PAVEMENT

PUB. NO.: 09-310306 [JP 9310306 A]  
PUBLISHED: December 02, 1997 (19971202)  
INVENTOR(s): HORAI HIDETO  
KAWAMURA KATSUHIRO  
APPLICANT(s): NIKKO CO LTD [327305] (A Japanese Company or Corporation), JP  
(Japan)

APPL. NO.: 08-128116 [JP 96128116]  
FILED: May 23, 1996 (19960523)  
INTL CLASS: [6] E01C-019/10  
JAPIO CLASS: 27.9 (CONSTRUCTION -- Other); 32.4 (POLLUTION CONTROL --  
Refuse Disposal); 43.4 (ELECTRIC POWER -- Applications)

#### ABSTRACT

PROBLEM TO BE SOLVED: To peel off waste materials sticking and growing on the inner peripheral face of a drum, by providing a cover body equipped with electric heaters in the inside at the outer peripheral face of the drum of a dryer for regenerating waste materials and applying current to the heaters while controlling it.

SOLUTION: Waste materials fed from a feed chute 11 for waste materials into a drum 3 are forced to contact hot air passing through the drum while tumbling and flowing down in the drum and heated up to a required temperature and discharged from waste material-discharge opening 12 at the lower part of a cold hopper 9. The stuck condition of the materials at the inner peripheral face of the drum 3 is **monitored** during the **heating** operation of the dryer. When it is judged that much waste has stuck to the drum, electric current is applied to the electric heater 15 in the cover body provided at the outer peripheral face of the drum by controlling a switch of an electric power supply device 16. In this way, the outer peripheral wall is heated by the radiant heat of the electric heater 15. The heat transfers to the waste materials stuck to the inner peripheral part through the drum wall to heat the materials at an appropriate temperature and melt asphalt components and decrease the viscosity to peel off the materials.

12/5/3 (Item 3 from file: 347)

DIALOG(R) File 347:JAPIO  
(c) 2005 JPO & JAPIO. All rts. reserv.

03619226 \*\*Image available\*\*  
MICROWAVE OVEN

PUB. NO.: 03-282126 [JP 3282126 A]  
PUBLISHED: December 12, 1991 (19911212)  
INVENTOR(s): KAWAMURA KIMIHIKO  
APPLICANT(s): TOSHIBA CORP [000307] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 02-085730 [JP 9085730]  
FILED: March 30, 1990 (19900330)  
INTL CLASS: [5] F24C-007/02; F24C-007/02; F24C-007/02; F24C-007/02;  
H05B-006/68  
JAPIO CLASS: 43.4 (ELECTRIC POWER -- Applications); 30.4 (MISCELLANEOUS  
GOODS -- Furniture)  
JOURNAL: Section: M, Section No. 1224, Vol. 16, No. 115, Pg. 48, March  
23, 1992 (19920323)

#### ABSTRACT

PURPOSE: To automatically discriminate the kind of food in a range of some extent and to improve rapidity of operation by a method wherein a size detecting means to detect the size of a food is provided, and high frequency heating cooking is controlled under predetermined a heating condition classified by a food discriminated by a kind of food discriminating means.

CONSTITUTION: A kind of a food intended to be automatically discriminated consists of five kinds divided into five categories of, for example, A, B1,

B2, C1, and C2, and a standard output intrinsic to each food is provided. When there is no need to defreeze a food on a turn table 4, after the starting of **heating** operation, the temperature rise gradient is **monitored** by a control circuit 13, and it is decided whether a temperature gradient is below a predetermined set value  $\alpha.1$ . In the case of a food having a high moisture content, it is decided that the food belongs to the category B. The control circuit 13 receives a detecting signal from an infrared ray sensor 8 to decide the size of a food. When the size is small, the category B1 corresponding to milk is selected, and when it is large, the category B2 to which a stew belongs is selected. When it is decided that the temperature gradient exceeds  $\alpha.1$ , the food is discriminated as a food having a less moisture content belonging to the categories C1 and C2.

12/5/4 (Item 1 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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016748201 \*\*Image available\*\*

WPI Acc No: 2005-072479/200508

XRPX Acc No: N05-062419

**Remote appliance monitoring system e.g. for refrigerator, determines phase relationship between alternating current voltage and AC current of appliance connected to circuit breaker**

Patent Assignee: BASHARK L T (BASH-I)

Inventor: BASHARK L T

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20040244390	A1	20041209	US 2003457739	A	20030609	200508 B

Priority Applications (No Type Date): US 2003457739 A 20030609

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20040244390	A1	11	F25B-013/00	

Abstract (Basic): US 20040244390 A1

NOVELTY - A processor (32) connected to the sense-wire (26) wound on the core (24) surrounding the wire of circuit breaker, monitors the phase relationship between an alternating current (AC) voltage and AC current of an appliance connected to circuit breaker. Based on the phase relationship, information relating to the function of the appliance is determined.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(1) a method for remotely detecting functionality of an appliance; and

(2) device for monitoring a set of appliances.

USE - For remotely **monitoring** functionality of **electronic appliance** such as central **air conditioning** system, washing machine and refrigerator in residential, commercial or industrial establishment, over internet.

ADVANTAGE - The functionality and operation of the appliances can be efficiently monitored by the **user** from a remote location while avoiding superimposed signals due to simultaneous operation of more than one appliance on a circuit. The overall cost of the monitoring system is reduced considerably as the processor can monitor multiple appliances.

DESCRIPTION OF DRAWING(S) - The figure shows a schematic view of

appliance monitoring system.

neutral wire (20)

core (24)

sense wire (26)

processor (32)

computer (44)

pp; 11 DwgNo 5/5

Title Terms: REMOTE; APPLIANCE; MONITOR; SYSTEM; REFRIGERATE; DETERMINE;  
PHASE; RELATED; ALTERNATE; CURRENT; VOLTAGE; AC; CURRENT; APPLIANCE;  
CONNECT; CIRCUIT; BREAKER

Derwent Class: Q75; T01; V06; W05; X12; X13; X27

International Patent Class (Main): F25B-013/00

File Segment: EPI; EngPI

12/5/5 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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016725558 \*\*Image available\*\*

WPI Acc No: 2005-049834/200506

XRPX Acc No: N05-043642

**Air conditioning system central control system links a number of individual air conditioners via a network so that they are operated according to a control timetable and so that total power consumption is maintained beneath a peak**

Patent Assignee: LG ELECTRONICS INC (GLDS ); KINSEISHA KK (GLDS )

Inventor: JEON D G; JUNG J S; KIM J T; KWON J H; YOON Y S; YOUN S C

Number of Countries: 002 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 102004028330	A1	20050105	DE 102004028330	A	20040611	200506 B
JP 2005003357	A	20050106	JP 2004174342	A	20040611	200506

Priority Applications (No Type Date): KR 200337410 A 20030611

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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DE 102004028330	A1		12	F24F-011/00	
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JP 2005003357	A		11	F24F-011/02	
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Abstract (Basic): DE 102004028330A1

NOVELTY - Central control system for an air conditioning system that comprises a number of air conditioning **units** (100) installed in separate rooms of a building and a central control **unit** (200) that is connected to the **air conditioning units** over a **network** for **monitoring** and control purposes. The **individual air conditioning units** are controlled by the central control **unit** according to a timetable so that the total peak power consumption of the air conditioning units lies beneath a reference value.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is made for a method for operating the central control system of air conditioning system comprising a number of **individual** air conditioning units.

USE - Operation of the central control system of air conditioning system comprising a number of **individual** air conditioning units.

ADVANTAGE - The inventive control system prevents switching off of the whole air conditioning system, improves its stability and reduces power costs.

DESCRIPTION OF DRAWING(S) - (Drawing includes non-English language text). The figure shows a block diagram illustrating the configuration of an inventive control system for an air conditioning system.

air conditioning units (100)

central control system (200)  
communications module (210)  
peak power control processor (230)  
air conditioning controller. (240)  
pp; 12 DwgNo 3/5

Title Terms: AIR; CONDITION; SYSTEM; CENTRAL; CONTROL; SYSTEM; LINK; NUMBER  
; **INDIVIDUAL** ; AIR; CONDITION; NETWORK; SO; OPERATE; ACCORD; CONTROL; SO  
; TOTAL; POWER; CONSUME; MAINTAIN; BENEATH; PEAK

Derwent Class: Q74; T06; X27

International Patent Class (Main): F24F-011/00; F24F-011/02

File Segment: EPI; EngPI

**12/5/6 (Item 3 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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016320114 \*\*Image available\*\*

WPI Acc No: 2004-478009/200445

XRPX Acc No: N04-376729

**Cooling mechanism for electronic device e.g. laptop computer, has heat sink disposed about peripheral dimension of convection device that draws air through sides and forces air radially outward across heat sink**

Patent Assignee: IBM CORP (IBM ) ; INT BUSINESS MACHINES CORP (IBM )

Inventor: CIPOLLA T M; JAMAL-EDDINE T J; MOK L S

Number of Countries: 004 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20040099404	A1	20040527	US 2002305879	A	20021127	200445 B
JP 2004179631	A	20040624	JP 2003348880	A	20031007	200445
US 6752201	B2	20040622	US 2002305879	A	20021127	200445
CN 1503357	A	20040609	CN 2003152565	A	20030804	200460
KR 2004047568	A	20040605	KR 200374482	A	20031024	200465

Priority Applications (No Type Date): US 2002305879 A 20021127

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20040099404	A1		10	F28D-015/00	
JP 2004179631	A		13	H01L-023/467	
US 6752201	B2			F28D-015/00	
CN 1503357	A			H01L-023/34	
KR 2004047568	A			G06F-001/20	

Abstract (Basic): US 20040099404 A1

**NOVELTY** - The mechanism has a conduction device to conduct heat from a heat generating unit to a heat sink (154). The heat sink is disposed about a peripheral dimension of a convection device (134). The heat sink spans between about eight to two hundred degrees of the peripheral dimension. The convection device draws air through the sides and forces air radially outward across the heat sink.

**USE** - Used for **cooling electronic device** e.g. laptop computer, desktop computer, television, computer **monitor**, digital video disc player, **personal** digital assistant, cell phone.

**ADVANTAGE** - The heat sink is disposed about the peripheral dimension of the convection device, thereby forming a unitary device, thus occupying a minimal amount of space within the electronic device, and also minimizes the sound.

**DESCRIPTION OF DRAWING(S)** - The drawing shows a cooling mechanism.

Convection device (134)

Heat pipe (136)

Heat sink (154)



Vanes (156)  
Heat sink sections (170,172)  
pp; 10 DwgNo 3/4  
Title Terms: COOLING; MECHANISM; ELECTRONIC; DEVICE; COMPUTER; HEAT; SINK;  
DISPOSABLE; PERIPHERAL; DIMENSION; CONVECTION; DEVICE; DRAW; AIR; THROUGH  
; SIDE; FORCE; AIR; RADIAL; OUTWARD; HEAT; SINK  
Derwent Class: Q74; Q78; T01; U11; V04; W01; W02  
International Patent Class (Main): F28D-015/00; G06F-001/20; H01L-023/34;  
H01L-023/467  
International Patent Class (Additional): F24H-003/02; F28F-001/00;  
F28F-007/00; H01L-023/427; H05K-007/20  
File Segment: EPI; EngPI

12/5/7 (Item 4 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
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016073709 \*\*Image available\*\*  
WPI Acc No: 2004-231570/200422  
XRPX Acc No: N04-183226

Electrical equipment management apparatus e.g. for air conditioner,  
matches identifiers of user and equipment to-be-monitored, based on  
which user is authenticated for remote monitoring and control of  
equipment

Patent Assignee: DAIKIN KOGYO KK (DAIK )  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2004046812	A	20040212	JP 2003139090	A	20030516	200422 B

Priority Applications (No Type Date): JP 2002145739 A 20020521

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2004046812	A		11 G05B-023/02	

Abstract (Basic): JP 2004046812 A

NOVELTY - A web server (22) matches identifiers of user and equipment to-be-monitored e.g. air conditioner (3), based on which a user is authenticated for remote monitoring and control of the equipment. A control unit (21) monitors and controls the equipment corresponding to requirements of the authenticated user received through a web browser.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for electrical equipment management system.

USE - For remote management of electrical equipment such as air conditioner, power equipment, lighting system and disaster prevention equipment of building automation system.

ADVANTAGE - Allows a user to perform remote monitoring and control of the electrical equipment efficiently and easily.

DESCRIPTION OF DRAWING(S) - The figure shows a schematic view of the building automation system. (Drawing includes non-English language text).

equipment management apparatus (2)  
control unit (21)  
web server (22)  
authentication table (221)  
air conditioner (3)  
pp; 11 DwgNo 2/5

Title Terms: ELECTRIC; EQUIPMENT; MANAGEMENT; APPARATUS; AIR; CONDITION;

MATCH; IDENTIFY; **USER** ; EQUIPMENT; MONITOR; BASED; **USER** ; AUTHENTICITY;  
REMOTE; MONITOR; CONTROL; EQUIPMENT  
Derwent Class: P85; T01; T06; W01; W05; X27  
International Patent Class (Main): G05B-023/02  
International Patent Class (Additional): G09C-001/00; H04L-009/32  
File Segment: EPI; EngPI

12/5/8 (Item 5 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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015633317 \*\*Image available\*\*  
WPI Acc No: 2003-695499/200366  
Related WPI Acc No: 2003-531756  
XRPX Acc No: N03-555291

**Internet-based home communication system e.g. for monitoring food/fuel supply, has data center in communication with home control unit, provides web page including home selector section to user**

Patent Assignee: ECHELON CORP (ECHE-N)  
Inventor: IVERSON T; JOHNSON J; MALMSTROM D; SCHULZ D  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6580950	B1	20030617	US 2000561091	A	20000428	200366 B

Priority Applications (No Type Date): US 2000561091 A 20000428  
Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 6580950	B1	18	G05B-011/01	

Abstract (Basic): US 6580950 B1

NOVELTY - A control unit connected to a global computer network such as internet, communicates with several control devices positioned within a home. A data center in communication with the control unit, provides a customizable web page (76) including a home selector section (72) for allowing **user** to select between multiple homes.

USE - **Internet** -based communication system for **monitoring** and controlling various features such as food supply, fuel supply, lighting control, **heating** control, moisture control, freeze control, pet feeding **devices** , propane gauge, interior camera, exterior cameras, security system, smoke alarm, and various other devices in home from distant location using internet.

ADVANTAGE - The home owners are allowed to efficiently monitor and control various features of their home from distance location through internet.

DESCRIPTION OF DRAWING(S) - The figure shows a web browsing containing the web page displaying some features of a home.

web browser (14)  
customized information (70)  
home selector section (72)  
still/video images (74)  
web page (76)  
pp; 18 DwgNo 3/11

Title Terms: BASED; HOME; COMMUNICATE; SYSTEM; MONITOR; FOOD; FUEL; SUPPLY;  
DATA; COMMUNICATE; HOME; CONTROL; UNIT; WEB; PAGE; HOME; SELECT; SECTION;  
**USER**

Derwent Class: T01; W05  
International Patent Class (Main): G05B-011/01  
File Segment: EPI

12/5/9 (Item 6 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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015612655 \*\*Image available\*\*  
WPI Acc No: 2003-674812/200364  
XRPX Acc No: N03-538774

**Remote control system for air conditioner , has controller for providing display information of image data received from image pick up units monitoring associated controlled devices , to communication terminal through network**

Patent Assignee: TOKYO ELECTRIC CO LTD (TODK )  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2003229969	A	20030815	JP 200226972	A	20020204	200364 B

Priority Applications (No Type Date): JP 200226972 A 20020204

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2003229969	A	13	H04M-011/00	

Abstract (Basic): JP 2003229969 A

NOVELTY - A controller (4) converts image data received from image pick up units (6A-C) which are monitoring respective controlled devices (5A-C), into display information and provides display information to a communication terminal (3) e.g. mobile telephone, through network (1). The controller converts command information received from communication terminal into control data for controlling the controlled devices.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for controller in remote control system.

USE - For controlling remote devices such as air conditioner, electrically driven door and lighting system using command information received from communication terminals such as mobile telephone and **personal** digital assistant (PDA) through network.

ADVANTAGE - Allows a **user** to easily and directly confirm the status of controlled devices installed in a house, using the communication terminal.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the remote control system. (Drawing includes non- English language text).

public telecommunication network (1)  
communication terminal (3)  
controller (4)  
controlled devices (5A-5C)  
image pick-up units (6A-6C)  
pp; 13 DwgNo 1/9

Title Terms: REMOTE; CONTROL; SYSTEM; AIR; CONDITION; CONTROL; DISPLAY; INFORMATION; IMAGE; DATA; RECEIVE; IMAGE; PICK; UP; UNIT; MONITOR; ASSOCIATE; CONTROL; DEVICE; COMMUNICATE; TERMINAL; THROUGH; NETWORK

Derwent Class: W05; X27

International Patent Class (Main): H04M-011/00

International Patent Class (Additional): H04N-007/18; H04Q-009/00

File Segment: EPI

12/5/10 (Item 7 from file: 350)  
DIALOG(R)File 350:Derwent WPIX

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015557760 \*\*Image available\*\*

WPI Acc No: 2003-619916/200359

XRPX Acc No: N03-493867

**Liquid cooling system for cooling electronic units has liquid cooling units connected via branch points to common central liquid cooling system integrated into rack or cabinet**

Patent Assignee: RITTAL GMBH & CO KG (LOHS )

Inventor: DOERRICH M; HAIN M; KREILLING J; NICOLAI M; STRACKBEIN H; KREILLING J

Number of Countries: 108 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 20308158	U1	20030731	DE 10310282	A	20030307	200359 B
			DE U20308158	U	20030307	
DE 10310282	A1	20040916	DE 10310282	A	20030307	200460
WO 200480132	A2	20040916	WO 2004EP1084	A	20040206	200461

Priority Applications (No Type Date): DE 10310282 A 20030307; DE U20308158 U 20030307

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
DE 20308158	U1	13	F25D-003/00	Application no.	DE 10310282
DE 10310282	A1		H05K-007/20		
WO 200480132	A2	G	H05K-000/00		

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

Designated States (Regional): AT BE BG BW CH CY CZ DE DK EA EE ES FI FR GB GH GM GR HU IE IT KE LS LU MC MW MZ NL OA PT RO SD SE SI SK SL SZ TR TZ UG ZM ZW

Abstract (Basic): DE 20308158 U1

NOVELTY - The liquid cooling system has several liquid cooling units (4) in a rack (2) or cabinet and associated with individual electronic units (1) and a monitoring and control device (9) for monitoring the cooling temperature. The cooling units are connected via branch points (5.1) to a common central liquid cooling system (5) integrated into the rack or cabinet.

USE - For cooling electronic units.

ADVANTAGE - Enables reliable cooling of densely packed racks or cabinets with electronic units with high heat generation levels and prevents thermal damage to the electronic units.

DESCRIPTION OF DRAWING(S) - The drawing shows a schematic representation of an inventive arrangement

liquid cooling units (4)  
rack (2)  
electronic units (1)  
monitoring and control device (9)  
branch points (5.1)  
central liquid cooling system (5)  
pp; 13 DwgNo 1/1

Title Terms: LIQUID; COOLING; SYSTEM; COOLING; ELECTRONIC; UNIT; LIQUID; COOLING; UNIT; CONNECT; BRANCH; POINT; COMMON; CENTRAL; LIQUID; COOLING; SYSTEM; INTEGRATE; RACK; CABINET

Derwent Class: Q75; T01; V04; X27

International Patent Class (Main): F25D-003/00; H05K-000/00; H05K-007/20

International Patent Class (Additional): G06F-001/20; H02B-001/56

File Segment: EPI; EngPI

12/5/11 (Item 8 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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015449288 \*\*Image available\*\*

WPI Acc No: 2003-511430/200348

Method and device for monitoring air conditioner on internet

Patent Assignee: LG ELECTRONICS INC (GLDS )

Inventor: KIM J U; KIM S D

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2003024449	A	20030326	KR 200157669	A	20010918	200348 B

Priority Applications (No Type Date): KR 200157669 A 20010918

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
KR 2003024449	A	1	G06F-019/00	

Abstract (Basic): KR 2003024449 A

NOVELTY - A method and a device for monitoring an air conditioner on the Internet are provided to control and manage the air conditioner at remote place by using the Internet management information of a web page, and to enhance convenience and efficiency for operating the air conditioner while preventing unnecessary operation.

DETAILED DESCRIPTION - A display(50a) for providing data to a user is installed to an exterior of the air conditioner. A controller controls the operation by receiving the operation control data from the web page(10a) through the Internet and downloads the display data through the Internet. A data storage(50c) stores the data including the data for controlling the air conditioner and the display data provided from the web page(10a). An internal timer(50d) operates regularly in order to control the time according to an operation state of the air conditioner. An Internet operating program(40a) connects the air conditioner with the web page(10a) through the Internet.

pp; 1 DwgNo 1/10

Title Terms: METHOD; DEVICE; MONITOR; AIR; CONDITION

Derwent Class: T01; W05; X27

International Patent Class (Main): G06F-019/00

File Segment: EPI

12/5/12 (Item 9 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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015050304 \*\*Image available\*\*

WPI Acc No: 2003-110820/200310

XRPX Acc No: N03-088138

Heat /cold energy supplying business system informs user to install units or to reduce units by monitoring amount of energy consumed by load through network

Patent Assignee: AKABOSHI S (AKAB-I); KAWAMURA K (KAWA-I)

Inventor: AKABOSHI S; KAWAMURA K

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020156750	A1	20021024	US 2001840451	A	20010424	200310 B

Priority Applications (No Type Date): US 2001840451 A 20010424

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20020156750	A1		9 G06F-017/00	

Abstract (Basic): US 20020156750 A1

NOVELTY - The business system **monitors** the amount of **heat** /cold energy consumed by a load through a **network** (11) such as the internet/intranet. The business system informs the **user** to install additional **units** or to reduce the existing units, based on the amount of energy consumed by the load.

USE - For supplying heat/cold energy.

ADVANTAGE - Saves energy and enables the **user** to effectively produce the **heat** /cold energy, in a flexible and efficient way, by **monitoring** the amount of energy consumed.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the heat/cold energy supplying business system.

Network (11)

pp; 9 DwgNo 1/3

Title Terms: HEAT; COLD; ENERGY; SUPPLY; BUSINESS; SYSTEM; INFORMATION;

**USER** ; INSTALLATION; UNIT; REDUCE; UNIT; MONITOR; AMOUNT; ENERGY; CONSUME ; LOAD; THROUGH; NETWORK

Derwent Class: T01; X27

International Patent Class (Main): G06F-017/00

File Segment: EPI

12/5/13 (Item 10 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014869017 \*\*Image available\*\*

WPI Acc No: 2002-689723/200274

XRPX Acc No: N02-543994

**Remote refrigeration unit monitoring method for detecting refrigerant gas leakage, involves transmitting evaporation temperature, temperature of atmosphere, cooling medium, condensing refrigerant to monitoring server**

Patent Assignee: SMC CORP (SMCS-N)

Inventor: OZAWA T

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6430944	B1	20020813	US 2001833760	A	20010413	200274 B

Priority Applications (No Type Date): US 2001833760 A 20010413

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 6430944	B1		11 F25B-001/00	

Abstract (Basic): US 6430944 B1

NOVELTY - The evaporation temperature of a refrigerant gas in the refrigeration **unit** (10) and the temperature of the atmosphere, **cooling** medium and the condensing refrigerant are detected and periodically transmitted to a **monitoring** and maintenance **server** through the **Internet** . A remote site **personnel** is contacted, if the

evaporation temperature falls below a preset level at a predefined atmospheric temperature.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for remote refrigeration unit monitoring system.

USE - For monitoring refrigeration units or chiller units installed at a remote site such as factory, automobile, to detect refrigerant gas leak or refrigerant insufficiency through the Internet, intranet, telephone lines, etc.

ADVANTAGE - By using the relationship between the evaporation temperature, atmospheric temperature, cooling medium temperature and the refrigerant condensing temperature, the leakage of the refrigerant gas can be efficiently detected in a reliable, simple and cost effective manner.

DESCRIPTION OF DRAWING(S) - The figure shows an external view of the chiller unit installed in a remote factory.

Refrigeration unit (10)

pp; 11 DwgNo 1/5

Title Terms: REMOTE; REFRIGERATE; UNIT; MONITOR; METHOD; DETECT;

REFRIGERATE; GAS; LEAK; TRANSMIT; EVAPORATION; TEMPERATURE; TEMPERATURE; ATMOSPHERE; COOLING; MEDIUM; CONDENSATION; REFRIGERATE; MONITOR; SERVE

Derwent Class: Q75; T01; X27

International Patent Class (Main): F25B-001/00

File Segment: EPI; EngPI

12/5/14 (Item 11 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014853161 \*\*Image available\*\*

WPI Acc No: 2002-673867/200272

XRPX Acc No: N02-532793

**Multiple fan monitoring circuit for personal computer includes frequency processing circuit which receives wave shaped tach signals at fan sense node**

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC )

Inventor: DIXON R C; LARSON C J

Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020099508	A1	20020725	US 2001768074	A	20010123	200272 B
US 6757617	B2	20040629	US 2001768074	A	20010123	200443

Priority Applications (No Type Date): US 2001768074 A 20010123

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
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US 20020099508	A1	8	G06F-019/00	
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US 6757617	B2		G05D-023/00	
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Abstract (Basic): US 20020099508 A1

NOVELTY - Several waveform shaping networks coupled to several fans, performs wave shaping of tach signal generated by the corresponding fan (140,150). A frequency processing circuit consisting of summing circuit and a frequency discriminator, receives the wave shaped tach signals at a fan sense node.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

(1) Fans monitoring method;

(2) Data processing system.

USE - For **monitoring** several fans used for **cooling electronic devices** in **personal** computers.

ADVANTAGE - Enables efficient monitoring of several fans by utilizing a single sense line.

DESCRIPTION OF DRAWING(S) - The figure shows a block diagram of the data processing system.

Fans (140,150)

pp; 8 DwgNo 1/3

Title Terms: MULTIPLE; FAN; MONITOR; CIRCUIT; **PERSON** ; COMPUTER; FREQUENCY ; PROCESS; CIRCUIT; RECEIVE; WAVE; SHAPE; SIGNAL; FAN; SENSE; NODE

Derwent Class: S02; T01; U22; U25

International Patent Class (Main): G05D-023/00; G06F-019/00

International Patent Class (Additional): G01B-005/28; G01B-005/30;

G01N-031/00

File Segment: EPI

12/5/15 (Item 12 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014631452 \*\*Image available\*\*

WPI Acc No: 2002-452156/200248

**System and method for managing house**

Patent Assignee: MIRAE CORP (MIRA-N)

Inventor: KIM J H; KIM Y G; SIM U H; SHIM W H

Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2002001090	A	20020109	KR 200035155	A	20000624	200248 B
KR 369948	B	20030129	KR 200035155	A	20000624	200340

Priority Applications (No Type Date): KR 200035155 A 20000624

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
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KR 2002001090	A	1	G06F-017/60	
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KR 369948	B		G06F-017/60	Previous Publ. patent KR 2002001090
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Abstract (Basic): KR 2002001090 A

NOVELTY - A system and a method for managing house are provided to confirm and cope with door/window locking, fire and gas leakage by using the Internet at a remote place, and control indoor house environment at a remote place at a low cost.

DETAILED DESCRIPTION - The first sensors(30,31,32,33,34,35) sense residential environment of indoor and outdoor house. The second sensors such as mikes(1,1A) sense sound of indoor/outer part and the second sensors such as cameras(2,2A) take photographs of indoor/outer part. A locking **device** (3) locks doors and windows. Peripheral equipment includes a gas cock-locking **device** (4), an air-conditioning and **heating unit** (5), a cleaning robot(6), and a lighting apparatus(7). A main **server** (10) **monitors** environment of indoor and outdoor house transmitting messages to a monitoring **unit** and transmits various information to a PC to which a **client** connects. A **personal** PC(10) connects to the main server(10) at a remote place for monitoring environment of the house and controlling environment of the house at the same time.

pp; 1 DwgNo 1/10

Title Terms: SYSTEM; METHOD; MANAGE; HOUSE

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI



12/5/16 (Item 13 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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014616454 \*\*Image available\*\*  
WPI Acc No: 2002-437158/200247  
Related WPI Acc No: 2002-385405  
XRPX Acc No: N02-344125

Remote HVAC device monitoring and controlling system has server that  
sends status information of HVAC device and alarm message to user  
terminal, in response to request from user terminal

Patent Assignee: CARRIER CORP (CARG )

Inventor: CHATURVEDI G; DE WOLF T L; DOLAN R P; HILL M A; JAMES P W;  
MORELLI M D

Number of Countries: 026 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 1196003	A2	20020410	EP 2001308148	A	20010925	200247 B

Priority Applications (No Type Date): US 2000684174 A 20001006; US  
2000679853 A 20001005

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 1196003	A2	E	12	H04Q-009/00	

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT  
LI LT LU LV MC MK NL PT RO SE SI TR

Abstract (Basic): EP 1196003 A2

NOVELTY - A HVAC device (14) is queried for status information on  
regular basis or when a request is received from user terminal such  
as handheld computed or cell phone, by a server (12). The server sends  
the status information received from the HVAC device and an alarm  
message to the user terminal.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for  
HVAC device monitoring and controlling method.

USE - For monitoring and controlling heating , ventilation, air  
conditioning (HVAC) device through the internet and GSM network

ADVANTAGE - Enables users such as owner, service technician,  
building supervisor to obtain diagnostic information and receive alarm  
messages about HVAC devices, easily. The HVAC devices are monitored and  
controlled easily.

DESCRIPTION OF DRAWING(S) - The figure shows a block diagram of the  
hardware for monitoring HVAC device.

Server (12)

HVAC device (14)

pp; 12 DwgNo 1/7

Title Terms: REMOTE; DEVICE; MONITOR; CONTROL; SYSTEM; SERVE; SEND; STATUS;  
INFORMATION; DEVICE; ALARM; MESSAGE; USER ; TERMINAL; RESPOND; REQUEST;  
USER ; TERMINAL

Derwent Class: T01; T06; W05; X25; X27

International Patent Class (Main): H04Q-009/00

International Patent Class (Additional): G05D-023/19

File Segment: EPI

12/5/17 (Item 14 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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014205048      \*\*Image available\*\*

WPI Acc No: 2002-025745/200203

XRPX Acc No: N02-019975

**Predefined interface adaptation method for electronic devices, involves generating adaptation object defining specific adaptation rule based on user characteristic and capability objects**

Patent Assignee: EDAPTA INC (EDAP-N)

Inventor: MCCOY W; WILDER-SMITH C

Number of Countries: 093    Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200169380	A2	20010920	WO 2001US8151	A	20010314	200203    B
AU 200147422	A	20010924	AU 200147422	A	20010314	200208

Priority Applications (No Type Date): US 2000610186 A 20000705; US

2000189191 P 20000314; US 2000610179 A 20000705; US 2000610181 A 20000705

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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WO 200169380	A2	E	60	G06F-009/44	
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Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA  
CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP  
KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT  
RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR  
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200147422	A			G06F-009/44	Based on patent WO 200169380
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Abstract (Basic): WO 200169380 A2

NOVELTY - An adaptation object defining an adaptation rule is generated based on a **user** characteristic included in an identified preference object. The contents of capability objects is transmitted to an adaptation engine (162). The **user** characteristics comprises situational, environmental, behavior and context information. The capability objects define attributes of an electronic device and of an accessed information source (166).

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (a) Adaptation engine;
- (b) Adaptation object;
- (c) Predefined interface adaptation system;
- (d) Adaptation object generation method;
- (e) Program storage device;
- (f) Preference object;
- (g) Preference object generation method;
- (h) Preference object generation system;
- (i) Capability object;
- (j) Capability object generation method;
- (k) Capability object generation system

USE - For adaptation of predefined interfaces in electronic **devices** such as computer, **personal appliance**, automatic teller machine (ATM), kiosk, portable **devices**, smart **appliance**, **network devices**, game system, **electronic** instrumentation, vehicles, television, lamps, **air - conditioners**, sprinklers, lifts, **monitoring** and control system with information technology systems and **devices** using information sources including databases, information bases, registries, repositories and other storage facilities, applications, agents, websites, Internet service providers, application service providers, chatrooms, collaboration and conferencing device and device drivers, adaptation and conversion services in assistive technology for

military command post and for handicapped individuals .

ADVANTAGE - Conveys the **user** preference and capability to an adaptation service, thereby providing desired communication process. Protects the preferences and capabilities of the **user** through authorization, thereby providing privacy and security. Handles various levels of complexity provided by **user** characteristic and capability objects efficiently. Provides explicit negotiation by defining several attributes through **user** characteristics and capability objects.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram illustration of an adaptation system.

pp; 60 DwgNo 1/5

Title Terms: PREDEFINED; INTERFACE; ADAPT; METHOD; ELECTRONIC; DEVICE; GENERATE; ADAPT; OBJECT; DEFINE; SPECIFIC; ADAPT; RULE; BASED; **USER** ; CHARACTERISTIC; CAPABLE; OBJECT

Derwent Class: T01

International Patent Class (Main): G06F-009/44

File Segment: EPI

12/5/18 (Item 15 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014196807 \*\*Image available\*\*

WPI Acc No: 2002-017504/200202

Related WPI Acc No: 2003-198208

XRPX Acc No: N02-013992

End-to-end communication establishment involves determining kind of communication requested when device in subscriber premises is activated and connecting to addressee local unit

Patent Assignee: LEA-D CORP LTD (LEAD-N)

Inventor: CASPI E; INBAR S; ORON A

Number of Countries: 096 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200177853	A1	20011018	WO 2001IL310	A	20010404	200202 B
AU 200146800	A	20011023	AU 200146800	A	20010404	200213
EP 1281129	A1	20030205	EP 2001919742	A	20010404	200310
			WO 2001IL310	A	20010404	

Priority Applications (No Type Date): IL 135554 A 20000409

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200177853 A1 E 20 G06F-015/173

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200146800 A G06F-015/173 Based on patent WO 200177853

EP 1281129 A1 E G06F-015/173 Based on patent WO 200177853

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI TR

Abstract (Basic): WO 200177853 A1

NOVELTY - An IP center unit (2) coupled to Internet, is installed in a subscriber's premises (1). When a device (3) in the premises is activated, the center unit determines the kind of communication requested and connects to a master-server (6) to find out if the

addressee is a subscriber or not. If the addressee is a subscriber, the center unit directly connects to addressee local unit, else establishes communication using Internet/other facilities.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for end-to-end communication establishing system.

USE - For providing **personal** /small-office-home-office (SOHO) services such as web hosting, video and other Internet services that emanate from having a server at the end user 's premises and provides remote control of **electronic appliances** e.g. **air conditioner** ; coffee machine for **monitoring** and metering them.

ADVANTAGE - Communication requested by the subscriber or non-subscriber anywhere on the globe is directly established, by any of the communication devices, without any carriers' exchanges.

DESCRIPTION OF DRAWING(S) - The figure shows the end-to-end communication establishing system.

Subscriber's premises (1)

IP center unit (2)

Device (3)

Internet (5)

Master-server (6)

pp; 20 DwgNo 1/4

Title Terms: END; END; COMMUNICATE; ESTABLISH; DETERMINE; KIND; COMMUNICATE ; REQUEST; DEVICE; SUBSCRIBER; PREMISES; ACTIVATE; CONNECT; ADDRESS; LOCAL; UNIT

Derwent Class: T01

International Patent Class (Main): G06F-015/173

File Segment: EPI

12/5/19 (Item 16 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014181938 \*\*Image available\*\*

WPI Acc No: 2002-002635/200201

XRPX Acc No: N02-001971

**Gas control apparatus for monitoring gas appliance, has Internet TV for downloading monitoring data from management server connected to monitoring apparatus through Internet**

Patent Assignee: SUN NET KK (SUNN-N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001236116	A	20010831	JP 200044567	A	20000222	200201 B

Priority Applications (No Type Date): JP 200044567 A 20000222

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2001236116	A	6	G05B-023/02	

Abstract (Basic): JP 2001236116 A

NOVELTY - A monitoring apparatus (2) is connected to the **customer** site gas apparatus (1) through a public communication network (P). An Internet television (5) at the **customer** site downloads data from a management server (6) which stores the monitoring data received from the monitoring apparatus through Internet (I).

USE - To **monitor** gas leakage in gas **appliance** such as **air conditioner** , drier through communication **network** such as **Internet** .

ADVANTAGE - The situation of the gas appliance is always made known

to the **customer** through a communication network, hence communication gas leakage situation is reported quickly and easily for devising a counter measure.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the gas control system. (Drawing includes non-English language text).

**Customer** site gas apparatus (1)  
Monitoring apparatus (2)  
Internet television (5)  
Management server (6)  
Internet (I)  
Public communication network (P)  
pp; 6 DwgNo 1/3

Title Terms: GAS; CONTROL; APPARATUS; MONITOR; GAS; APPLIANCE; TELEVISION;  
MONITOR; DATA; MANAGEMENT; SERVE; CONNECT; MONITOR; APPARATUS; THROUGH

Derwent Class: T01; T06; W01; W05

International Patent Class (Main): G05B-023/02

International Patent Class (Additional): H04M-011/00; H04Q-009/00

File Segment: EPI

12/5/20 (Item 17 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014042967 \*\*Image available\*\*

WPI Acc No: 2001-527180/200158

XRPX Acc No: N01-391232

**Network controller for telegraphic message transmission, has number generator which adds zero at leading end of telephone number of center terminal, when number corresponds with information stored in memory**

Patent Assignee: MATSUSHITA DENKI SANGYO KK (MATU )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001203824	A	20010727	JP 200011433	A	20000120	200158 B

Priority Applications (No Type Date): JP 200011433 A 20000120

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

JP 2001203824 A 12 H04M-011/00

Abstract (Basic): JP 2001203824 A

NOVELTY - The **member** information of terminal equipments (4a,4b) connected to a center terminal (1) through a network (3), is stored in a memory (9). A number generator (8) adds 0' at the leading end of the telephone number of the center terminal, if the number corresponds with the information stored in the memory.

USE - For transmitting telegraphic messages through **network** for **monitoring** installation apparatus e.g. **air - conditioner** , illumination apparatus, for inspecting gas meter, water-pipe meter, electric-power meter from remote management **device** , gas leakage.

ADVANTAGE - Normal communication with center terminal can be performed, even if the contract of **members** network is changed on the way. The information in memory can be changed before response telegraphic message transmission to center terminal, even if the message from the center terminal is not a setting demand message.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of network control unit. (Drawing includes non-English language text).

Center terminal (1)  
Network (3)

Terminal equipments (4a,4b)  
 Number generator (8)  
 Memory (9)  
 pp; 12 DwgNo 1/2  
 Title Terms: NETWORK; CONTROL; TELEGRAPH; MESSAGE; TRANSMISSION; NUMBER;  
 GENERATOR; ADD; ZERO; LEADING; END; TELEPHONE; NUMBER; TERMINAL; NUMBER;  
 CORRESPOND; INFORMATION; STORAGE; MEMORY  
 Derwent Class: W01; W05  
 International Patent Class (Main): H04M-011/00  
 International Patent Class (Additional): H04Q-009/00  
 File Segment: EPI

12/5/21 (Item 18 from file: 350)  
 DIALOG(R)File 350:Derwent WPIX  
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013941241 \*\*Image available\*\*  
 WPI Acc No: 2001-425455/200145  
 XRPX Acc No: N01-315664

**Remote device accessing system e.g. for boiler controller, has on-demand web server to provide information about remote device to tapping web server which accesses that information**

Patent Assignee: WALCHEM CORP (WALC-N)  
 Inventor: DRAINVILLE M; FLOHR M  
 Number of Countries: 095 Number of Patents: 006  
 Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200144889	A2	20010621	WO 2000US41741	A	20001101	200145 B
AU 200147056	A	20010625	AU 200147056	A	20001101	200162
EP 1244952	A2	20021002	EP 2000992780	A	20001101	200265
			WO 2000US41741	A	20001101	
BR 200015429	A	20021022	BR 200015429	A	20001101	200278
			WO 2000US41741	A	20001101	
JP 2003521765	W	20030715	WO 2000US41741	A	20001101	200347
			JP 2001545917	A	20001101	
US 6785724	B1	20040831	US 99432326	A	19991102	200457

Priority Applications (No Type Date): US 99432326 A 19991102

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200144889 A2 E 35 G06F-000/00

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA  
 CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP  
 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT  
 RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR  
 IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200147056 A G06F-000/00 Based on patent WO 200144889

EP 1244952 A2 E G06F-001/00 Based on patent WO 200144889

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT  
 LI LT LU LV MC MK NL PT RO SE SI TR

BR 200015429 A G06F-015/16 Based on patent WO 200144889

JP 2003521765 W 39 G06F-013/00 Based on patent WO 200144889

US 6785724 B1 G06F-015/16

Abstract (Basic): WO 200144889 A2

NOVELTY - An on-demand web server (22) located remotely from tapping web server (30), provides information about remote device to web server (30) which accesses that information. The server (22) is accessed after wake-up connection from server (30), in response to request from client (10). The client transmits authentication

information to server (30) to initiate request to access the server (22).

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (a) Method for accessing information from remote device;
- (b) Apparatus for providing remote data access over internet;
- (c) Method to respond to **user** initiated request for accessing local information;

(d) Computer program

USE - For **monitoring** and accessing remote **devices** from office terminal e.g. for **internet** -enabled **cooling** or boiler water treatment control, waste water treatment **monitoring** and control, through **internet**.

ADVANTAGE - Since remote web server is connected with on-demand web server using standard web browser, authorized internet **users** can access on-demand web server without customized software.

DESCRIPTION OF DRAWING(S) - The figure shows the diagram depicting information exchanged between **client** and servers.

**Client** (10)

On-demand web server (22)

Tapping web server (30)

pp; 35 DwgNo 4/10

Title Terms: REMOTE; DEVICE; ACCESS; SYSTEM; BOILER; CONTROL; DEMAND; WEB; SERVE; INFORMATION; REMOTE; DEVICE; TAP; WEB; SERVE; ACCESS; INFORMATION  
Derwent Class: T01

International Patent Class (Main): G06F-000/00; G06F-001/00; G06F-013/00; G06F-015/16

International Patent Class (Additional): G05B-023/02; G06F-015/00;

G06F-015/173; H04J-011/00; H04L-012/56; H04M-011/00

File Segment: EPI

12/5/22 (Item 19 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013507131 \*\*Image available\*\*

WPI Acc No: 2000-679075/200066

Related WPI Acc No: 2002-226155; 2002-528091; 2004-050919

XRPX Acc No: N00-502733

**Multimode operating system for domestic electrical appliances connected to internet, displays web page with link identified by number by a number, controlling appliance with user actuatable input pad**

Patent Assignee: HARRISON R G (HARR-I); LAMSON R D (LAMS-I); ICEBOX LLC (ICEB-N)

Inventor: LAMSON R D; HARRISON R G

Number of Countries: 090 Number of Patents: 008

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200041089	A1	20000713	WO 2000US272	A	20000105	200066 B
AU 200029601	A	20000724	AU 200029601	A	20000105	200066
EP 1058893	A1	20001213	EP 2000908215	A	20000105	200066
			WO 2000US272	A	20000105	
BR 200004006	A	20020129	BR 20004006	A	20000105	200211
			WO 2000US272	A	20000105	
KR 2001089113	A	20010929	KR 2000709887	A	20000906	200220
JP 2002534740	W	20021015	JP 2000592747	A	20000105	200282
			WO 2000US272	A	20000105	
US 6532004	B1	20030311	US 99115197	P	19990106	200321
			US 2000479274	A	20000105	

MX 2000008709 A1 20020301 WO 2000US272 A 20000105 200362  
MX 20008709 A 20000906

Priority Applications (No Type Date): US 99115197 P 19990106; US 2000479274  
A 20000105

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200041089 A1 E 46 G06F-015/16

Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN  
CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG  
SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR  
IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW

AU 200029601 A Based on patent WO 200041089

EP 1058893 A1 E Based on patent WO 200041089

Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI  
LU MC NL PT SE

BR 200004006 A G06F-015/16 Based on patent WO 200041089

KR 2001089113 A G06F-015/16

JP 2002534740 W 47 G06F-015/00 Based on patent WO 200041089

US 6532004 B1 G09G-005/00 Provisional application US 99115197

MX 2000008709 A1 G06F-015/16 Based on patent WO 200041089

Abstract (Basic): WO 200041089 A1

NOVELTY - The operation of appliance (20) is controlled by numeric key pad (24) with alphabetical characters to display web page with relevant link identifying by number. Input device has **user** actuatable control with number corresponding to each link on web page. The pad has IR signal transmitter. The web page has several links such that each link is reselected by pressing single numeric key pad control.

USE - For controlling operation of domestic electrical **appliances** like TV, refrigerator, kitchen range **air conditioner** and remote door/room **monitoring** system connected to **internet**.

ADVANTAGE - Facilitates returning to the original operation mode even when operation is switched to other modes, thereby reduces switching time.

DESCRIPTION OF DRAWING(S) - The figure shows the pictorial view of multimode electrical appliance.

Appliance (20)

Numeric key pad (24)

pp; 46 DwgNo 1/14

Title Terms: MULTIMODE; OPERATE; SYSTEM; DOMESTIC; ELECTRIC; APPLIANCE;  
CONNECT; DISPLAY; WEB; PAGE; LINK; IDENTIFY; NUMBER; NUMBER; CONTROL;  
APPLIANCE; **USER** ; ACTUATE; INPUT; PAD

Derwent Class: P85; T01; W05

International Patent Class (Main): G06F-015/00; G06F-015/16; G09G-005/00

International Patent Class (Additional): G06F-003/02; H04N-005/00;

H04N-005/44; H04N-007/16

File Segment: EPI; EngPI

12/5/23 (Item 20 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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012187690 \*\*Image available\*\*

WPI Acc No: 1998-604603/199851

XPX Acc No: N98-471491

**Temperature management for electronic device used in personal computer**  
**- involves providing predetermined cooling process inside electronic**



device or specific circuit in device , when monitored temperature of  
device or circuit exceeds fixed temperature

Patent Assignee: TOSHIBA KK (TOKE )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 10275033	A	19981013	JP 9780569	A	19970331	199851 B

Priority Applications (No Type Date): JP 9780569 A 19970331

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 10275033	A	12	G06F-001/20	

Abstract (Basic): JP 10275033 A

The method involves monitoring internal temperature of an electronic device or a specific circuit in the device by a microprocessor. When the monitored temperature exceeds a fixed temperature, a predetermined cooling process is provided inside the device or the specific circuit.

Preferably, a predetermined temperature management is performed based on each temperature condition inside electronic device or specific circuit in the device during ON and OFF states of power supply.

ADVANTAGE - Ensures stable and reliable operation of electronic device. Ensures safe operation of electronic device.

Dwg.1/6

Title Terms: TEMPERATURE; MANAGEMENT; ELECTRONIC; DEVICE; PERSON ;  
COMPUTER; PREDETERMINED; COOLING; PROCESS; ELECTRONIC; DEVICE; SPECIFIC;  
CIRCUIT; DEVICE; MONITOR; TEMPERATURE; DEVICE; CIRCUIT; FIX; TEMPERATURE

Derwent Class: T01; V04

International Patent Class (Main): G06F-001/20

International Patent Class (Additional): G06F-001/26

File Segment: EPI

12/5/24 (Item 21 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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011108320 \*\*Image available\*\*

WPI Acc No: 1997-086245/199708

Related WPI Acc No: 1995-231650

XRAM Acc No: C97-028002

XRPX Acc No: N97-071101

**Electro-mechanical device for on - line monitoring of  
non-condensing heat exchanger - has first flow assembly tube contg.  
flow and temp sensors, and second temp. assembly tube attached to  
discharge end of heat exchanger and having temp. sensors in plugged  
empty heat transfer tube**

Patent Assignee: ELECTRIC POWER RES INST INC (ELPO )

Inventor: GAREY J F; TSOU J L

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5590706	A	19970107	US 93165750	A	19931210	199708 B
			WO 94US14261	A	19941212	
			US 95497959	A	19950703	

Priority Applications (No Type Date): US 95497959 A 19950703; US 93165750 A  
19931210; WO 94US14261 A 19941212

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5590706	A		13	F28G-013/00	CIP of application US 93165750
					CIP of application WO 94US14261
					CIP of patent US 5429178

Abstract (Basic): US 5590706 A

The sensing device for use with a heat exchanger for use with a utility service water system has a heat exchanger having a shell side and a tube side. A tube sheet provides a heat exchange surface between a coolant fluid zone and service water zone comprising **individual** heat transfer tubes extending between an inlet header for separately introducing service water and coolant fluid into the heat exchanger. A discharge header separately extracts exhaust service water and coolant fluid. A tube monitors flow and has at least one heat transfer tube providing a fluid flow conduit. A tube monitors temp. including at least one plugged heat transfer tube positioned immediately adjacent the device for monitoring flow.

A combination device **individually** senses flow in the fluid flow conduit in combination with sensing temp. differentials in the plugged heat transfer tube, and has a dual tube and plug appts. connected to a discharge end of the tube device for monitoring flow adjacent the discharge header and a discharge end of the tube device for monitoring temp. also adjacent the discharge header. The dual tube and plug device has a flow sensing device including a first flow assembly tube including a tubular conduit, and a flow sensor mounted in an inner chamber for directly measuring the coolant flow through the dual tube and a plug attachment for connection with the temp. monitoring tube. A second temp. assembly tube is configured to plug the outlet of the temp. monitoring tube, for excluding coolant flow, immediately adjacent to the first flow assembly tube. A sensor detects shell side inlet water temp. and shell side outlet water temp. A device senses tube side inlet water temperature and tube side outlet water temp. A device seals out coolant flow comprising at least one plug devices for attachment to the inlet end of the temp. monitoring tube. A monitor compares temp. differential signals and flow signals from the dual tube probe and plug unit's first dual tube probe and plug assembly and combines other flow and discharge temp. signals from additional dual tube devices connected to a microprocessor. A microprocessor utilises flow and temp. differential data provided by the flow sensor and the temp. sensor and continuously calculates, records and displays the **individual** tube heat transfer coefft. and flow velocity for the selected heat transfer tube.

ADVANTAGE - Provides accurate measurement of temp. and cooling water flow. Provides indication of performance losses due to micro-bio fouling of heat exchanger surfaces.

Dwg.0/11

Title Terms: ELECTRO; MECHANICAL; DEVICE; LINE; MONITOR; NON; CONDENSATION; HEAT; EXCHANGE; FIRST; FLOW; ASSEMBLE; TUBE; CONTAIN; FLOW; TEMPERATURE; SENSE; SECOND; TEMPERATURE; ASSEMBLE; TUBE; ATTACH; DISCHARGE; END; HEAT; EXCHANGE; TEMPERATURE; SENSE; PLUG; EMPTY; HEAT; TRANSFER; TUBE

Derwent Class: K06; Q78; S02; X14; X25

International Patent Class (Main): F28G-013/00

File Segment: CPI; EPI; EngPI

12/5/25 (Item 22 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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010432937 \*\*Image available\*\*

WPI Acc No: 1995-334257/199543

XRPX Acc No: N95-250520

**Electronic component temp. setting device - uses heat transfer object with contact members , to enable tracking of surface of electronic component**

Patent Assignee: ROHM CO LTD (ROHL )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 7231054	A	19950829	JP 9420852	A	19940218	199543 B

Priority Applications (No Type Date): JP 9420852 A 19940218

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 7231054	A		4	H01L-023/36	

Abstract (Basic): JP 7231054 A

The **device** sets the temp. of an **electronic** component at a desired value. A **heat** transfer object including multiple contact **members** enables **tracking** the surface of the **electronic** component.

USE/ADVANTAGE - In e.g. integrated circuit, transistor. Improves heat transfer efficiency. Shortens temp. setting scheduled time.

Dwg.1/8

Title Terms: ELECTRONIC; COMPONENT; TEMPERATURE; SET; DEVICE; HEAT; TRANSFER; OBJECT; CONTACT; **MEMBER** ; ENABLE; TRACK; SURFACE; ELECTRONIC; COMPONENT

Derwent Class: U11

International Patent Class (Main): H01L-023/36

File Segment: EPI

12/5/26 (Item 23 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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003800229

WPI Acc No: 1983-796470/198343

XRPX Acc No: N83-188589

**Speed regulator for motor vehicle engine - has auxiliary controlled air inlet to compensate for additional electrical loads**

Patent Assignee: HONDA GIKEN KOGYO KK (HOND )

Inventor: HASEGAWA S

Number of Countries: 003 Number of Patents: 008

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 3314216	A	19831020	DE 3314216	A	19830420	198343 B
GB 2118743	A	19831102	GB 8310587	A	19830419	198344
GB 2120420	A	19831130				198348
US 4467761	A	19840828	US 83484624	A	19830413	198437
US 4491108	A	19850101	US 83484157	A	19830412	198503
GB 2118743	B	19850710				198528
GB 2120420	B	19851127				198548
DE 3314216	C	19880818				198833

Priority Applications (No Type Date): JP 8266928 A 19820421; JP 8266042 A 19820420

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
DE 3314216	A		44		

Abstract (Basic): DE 3314216 A

The regulating system can be applied where electrical loads drawing power from the engine can have an appreciable effect on engine power demand. Such loads may be headlamps, an **air conditioner**, a **cooling fan**, or any such combination. The engine demand and performance are **monitored** by an **electronic control unit** which orders the fuel quantity to be delivered by the injectors.

It also detects the addition of an electrical load or combination of loads and adjusts the auxiliary air inlet valve to allow a predetermined amount of air to flow into the manifold downstream of the throttle valve. This action enables the engine to deliver the extra power demanded without a change in the throttle setting. A closed loop speed controller can be employed to respond to electrical loads when the engine would otherwise be idling with the throttle closed.

0/8

Title Terms: SPEED; REGULATE; MOTOR; VEHICLE; ENGINE; AUXILIARY; CONTROL; AIR; INLET; COMPENSATE; ADD; ELECTRIC; LOAD

Derwent Class: Q52; X22

International Patent Class (Additional): F02D-011/10; F02D-033/02;

F02D-041/04; F02M-023/04; G05D-013/62

File Segment: EPI; EngPI

Set	Items	Description
S1	481	AU=(KAWAMURA K? OR KAWAMURA, K?)
S2	591835	HEAT? ? OR HEATING OR COOLING OR AIRCONDITION? OR AIR()CON- DITION?
S3	495276	TRACK? OR TRACING OR MONITOR? OR TRACE? ?
S4	675445	ONLINE OR ON()LINE OR INTERNET OR INTRANET? OR NETWORK? ? - OR SERVER? ? OR WEB? OR PORTAL? OR WWW OR CYBER? OR ELECTRONI- C?
S5	1301714	USE OR USEAGE OR USAGE
S6	1180918	USER? ? OR CONSUMER? OR PERSON? OR INDIVIDUAL? OR MEMBER? - OR SOMEONE OR ANYONE OR PEOPLE? OR CUSTOMER? OR PARTY OR PART- IES OR BUYER? OR CLIENT?
S7	66242	S2(4N)(UNIT? ? OR DEVICE? ? OR APPLIANCE? ? OR GADGET? ?)
S8	931	S7(10N)S3
S9	55	S8(15N)S4
S10	11830	S2(10N)S3
S11	351	S10(10N)S4
S12	42	S11(25N)S6
S13	91	S9 OR S12
S14	17	S13 AND IC=G06F?

? show file

File 348:EUROPEAN PATENTS 1978-2005/Jan W05

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File 349:PCT FULLTEXT 1979-2002/UB=20050203,UT=20050127

(c) 2005 WIPO/Univentio

14/3,K/1 (Item 1 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
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01566731

**COMMUNICATION SERVICE PROVIDING SYSTEM AND METHOD**  
**KOMMUNIKATIONSDIENSTBEREITSTELLUNGSSYSTEM UND VERFAHREN**  
**SYSTEME ET PROCEDE DE FOURNITURE DE SERVICES DE COMMUNICATION**

PATENT ASSIGNEE:

MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., (216883), 1006, Oaza-Kadoma,  
Kadoma-shi, Osaka 571-8501, (JP), (Applicant designated States: all)

INVENTOR:

KATAGAWA, Hiromi, 4-24-20, Tsukinoura, Onojo-shi, Fukuoka 816-0983, (JP)  
HARAGUCHI, Masahiko, 2-10-7, Tenpaizaka, Chikushino-shi, Fukuoka 818-0053  
, (JP)

KUDO, Nobuyuki, 4-8-12, Minatozaka, Shingumachi, Kasuya-gun, Fukuoka  
811-0114, (JP)

LEGAL REPRESENTATIVE:

Grunecker, Kinkeldey, Stockmair & Schwanhausser Anwaltssozietat (100721)  
, Maximilianstrasse 58, 80538 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 1416759 A1 040506 (Basic)  
WO 2003015449 030220

APPLICATION (CC, No, Date): EP 2002746147 020731; WO 2002JP7789 020731

PRIORITY (CC, No, Date): JP 2001238773 010807; JP 2001265527 010903

DESIGNATED STATES: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR;  
IE; IT; LI; LU; MC; NL; PT; SE; SK; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: H04Q-009/00; G06F-013/00

ABSTRACT WORD COUNT: 132

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; Japanese  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200419	4119
SPEC A	(English)	200419	24773
Total word count - document A			28892
Total word count - document B			0
Total word count - documents A + B			28892

...INTERNATIONAL PATENT CLASS: G06F-013/00

...SPECIFICATION are essentially analogous to those already described in  
the foregoing.

In this exemplary embodiment, the **user terminal**, **network server**  
103, HGW, household device, such as video player 1, **air conditioner**  
1, **monitor camera** 1, gas meter 1, the refrigerator, electric meter,  
water meter, and all other devices...

14/3,K/2 (Item 2 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
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01344936

**AUTOMATIC REFRIGERATOR SYSTEM, REFRIGERATOR, AUTOMATIC COOKING SYSTEM, AND**  
**MICROWAVE OVEN**  
**AUTOMATISCHE KUHLEINRICHTUNG, KUHLSCHRANK, AUTOMATISCHE KOCH EINRICHTUNG UND**  
**MIKROWELLENOFEN**

SYSTEME DE REFRIGERATION AUTOMATIQUE, REFRIGERATEUR, SYSTEME DE CUISSON  
AUTOMATIQUE ET FOUR A MICRO-ONDES

PATENT ASSIGNEE:

DAI NIPPON PRINTING CO., LTD., (2113192), 1-1, Ichigaya-Kagacho 1-Chome,  
Shinjuku-Ku, Tokyo 162-8001, (JP), (Applicant designated States: all)

INVENTOR:

ISHIKAWA, Toshiharu, Dai Nippon Printing Co. Ltd., 1-1, Ichigaya-kaga-cho  
1-chome, Shinjuku-ku, Tokyo 162-8001, (JP)

NAKANO, Shigeru, c/o Dai Nippon Printing Co. Ltd., 1-1, Ichigaya-kaga-cho  
1-chome, Shinjuku-ku, Tokyo 162-8001, (JP)

LEGAL REPRESENTATIVE:

Muller-Bore & Partner Patentanwalte (100651), Grafinger Strasse 2, 81671  
Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 1174667 A1 020123 (Basic)

WO 200163189 010830

APPLICATION (CC, No, Date): EP 2001908158 010228; WO 2001JP1521 010228

PRIORITY (CC, No, Date): JP 200052545 000228; JP 2000197551 000630; JP

2000197592 000630; JP 20017112 010116

DESIGNATED STATES: DE; FR; GB

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: F25D-023/00; F24C-007/02; **G06F-017/60**

ABSTRACT WORD COUNT: 93

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; Japanese

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200204	1284
SPEC A	(English)	200204	12343
Total word count - document A			13627
Total word count - document B			0
Total word count - documents A + B			13627

...INTERNATIONAL PATENT CLASS: **G06F-017/60**

...SPECIFICATION home server 15 through a station controller 63, an  
exchange 64 and the mobile communication **network** MN to access the  
refrigerator 31. Domestic electric **appliances**, such as an **air**  
**conditioning** system 16 and a **monitor** 17, other than the refrigerator  
31 can be connected to the home **server** 15. The user 1M can access the  
home server 15 through the personal digital assistant...

14/3,K/3 (Item 3 from file: 348)

DIALOG(R) File 348:EUROPEAN PATENTS

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00924855

Distributed media processing server and communication network using the  
same

Verteilter Medienverarbeitungsserver und Kommunikationsnetzwerk zur  
Verwendung desselben

Serveur pour le traitement de media distribues et reseau de communication  
utilisant ledit serveur

PATENT ASSIGNEE:

NEC CORPORATION, (236690), 7-1, Shiba 5-chome Minato-ku, Tokyo, (JP),  
(applicant designated states:

AT;BE;CH;DE;DK;ES;FI;FR;GB;GR;IE;IT;LI;LU;MC;NL;PT;SE)

INVENTOR:

Aramaki, Toshiya, c/o Nec. Corp. 7-1 Shiba 5-chome, Minato-ku Tokyo, (JP)  
LEGAL REPRESENTATIVE:

Moir, Michael Christopher et al (33991), Mathys & Squire 100 Gray's Inn  
Road, London WC1X 8AL, (GB)

PATENT (CC, No, Kind, Date): EP 843450 A2 980520 (Basic)  
EP 843450 A3 990217

APPLICATION (CC, No, Date): EP 97308235 971015;

PRIORITY (CC, No, Date): JP 96272067 961015

DESIGNATED STATES: FR; GB

INTERNATIONAL PATENT CLASS: H04L-029/06; G06F-017/30

ABSTRACT WORD COUNT: 95

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9821	313
SPEC A	(English)	9821	3381
Total word count - document A			3694
Total word count - document B			0
Total word count - documents A + B			3694

...INTERNATIONAL PATENT CLASS: G06F-017/30

...SPECIFICATION reach the clients 8021))-8023)) or 8024))-8026)) over a  
preselected period to time, the **client** selects the server of other  
group, determining that a fault has occurred in the **server** of the own  
group.

Also, the **server** 8012)) **monitors** the **heat** beat signal of the  
**server** 8011)), which is assuming the main server, and the main server is  
replaced with the...

14/3,K/4 (Item 1 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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01193931 \*\*Image available\*\*

**TAGGING AND TRACKING SYSTEM FOR ASSETS AND PERSONNEL OF A COMMERCIAL  
ENTERPRISE**

**SYSTEME DE MARQUAGE ET DE LOCALISATION POUR LES BIENS ET LE PERSONNEL D'UNE  
ENTREPRISE COMMERCIALE**

Patent Applicant/Assignee:

ZACHRY CONSTRUCTION CORPORATION, 527 Logwood, San Antonio, TX 78221-1738,  
US, US (Residence), US (Nationality), (For all designated states  
except: US)

Patent Applicant/Inventor:

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CANADY Larry D, 316 Fuller Drive, Bergheim, TX 78004, US, US (Residence),  
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(Residence), US (Nationality), (Designated only for: US)  
FIKE John E Jr, 23731 Red Eagle, San Antonio, TX 78258, US, US  
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Legal Representative:

LIVINGSTON Ann C (agent), Baker Botts L.L.P., 98 San Jacinto Blvd., 1500  
San Jacinto Center, Austin, TX 78701-4039, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200501669 A2 20050106 (WO 0501669)  
Application: WO 2004US4957 20040219 (PCT/WO US04004957)  
Priority Application: US 2003449013 20030221

Designated States:

(All protection types applied unless otherwise stated - for applications  
2004+)

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM  
DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC  
LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO  
RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW  
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE  
SI SK TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 3327

Main International Patent Class: **G06F**

Fulltext Availability:

Detailed Description

Detailed Description

... also include

environmental sensors for monitoring purposes. Thus,  
employees can be located, communicated with, and  
**monitored** for safety purposes. These environmental  
sensors can be multi-sensor **devices**, such as commercially  
available **heat** -stress **monitors**.

The various **monitoring**, **tracking**, and communications  
devices 401 are all endpoints of the same IP-based  
communications **network**. Wired or wireless IP telephonic  
devices can be used over the same network as the...

14/3,K/5 (Item 2 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2005 WIPO/Univentio. All rts. reserv.

01156265 \*\*Image available\*\*

**LIQUID COOLING SYSTEM**

**SYSTEME DE REFROIDISSEMENT A FLUIDE**

**FLUSSIGKEITS-KUHLSYSTEM**

Patent Applicant/Assignee:

RITTAL GMBH & CO KG, Auf dem Stutzelberg, 35745 Herborn, DE, DE  
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Patent Applicant/Inventor:

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(Nationality), (Designated only for: US)

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(Nationality), (Designated only for: US)  
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(Residence), DE (Nationality), (Designated only for: US)  
HAIN Markus, Holsteinstr. 1, 35684 Dillenburg, DE, DE (Residence), DE  
(Nationality), (Designated only for: US)  
KREILING Jorg, Grabenstr. 9, 35444 Biebertal, DE, DE (Residence), DE  
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Legal Representative:

FLECK Hermann-Josef (agent), Klingengasse 2, 71665 Vaihingen, DE,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200480132 A2-A3 20040916 (WO 0480132)

Application: WO 2004EP1084 20040206 (PCT/WO EP04001084)

Priority Application: DE 10310282 20030307

Designated States:

(All protection types applied unless otherwise stated - for applications  
2004+)

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ  
EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK  
LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU  
SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE  
SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: German

Filing Language: German

Fulltext Word Count: 1649

Main International Patent Class: G06F-001/20

English Abstract

...are arranged in a rack (2) or switch cabinet and which are  
individually associated with **electronic** modules (1) which are to be  
cooled. Said system also comprises a **monitoring** and control **device**  
(9) for **monitoring** the **cooling** temperature. Effective cooling and  
**monitoring** of temperature is maintained by virtue of the fact that the  
cooling units (4) are...

14/3,K/6 (Item 3 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2005 WIPO/Univentio. All rts. reserv.

01122163 \*\*Image available\*\*

**DATA STORAGE DEVICES HAVING IP CAPABLE PARTITIONS**

**DISPOSITIFS DE STOCKAGE DE DONNEES COMPRENANT DES PARTITIONS COMPATIBLES IP**

Patent Applicant/Assignee:

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all designated states except: US)

Patent Applicant/Inventor:

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Legal Representative:

RUTAN & TUCKER LLP (et al) (agent), Suite 1400, 611 Anton Blvd., Costa Mesa, CA 92626, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200444753 A1 20040527 (WO 0444753)

Application: WO 2002US40199 20021216 (PCT/WO US02040199)

Priority Application: US 2002425867 20021112

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (utility model) CZ DE (utility model) DE DK (utility model) DK DM DZ EC EE (utility model) EE ES FI (utility model) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK (utility model) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 5696

Main International Patent Class: G06F-012/06

Fulltext Availability:

Detailed Description

Detailed Description

... thermostat assemblies, light switches, lamps, fans, drape and window shade motor controls, surveillance equipment, traffic monitoring, clocks, radios, network cameras, televisions, digital telephone answering devices, air conditioners, furnaces and central air conditioning apparatus."

Communications with storage devices has not kept pace with...

14/3,K/7 (Item 4 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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01122162 \*\*Image available\*\*

**ELECTRICAL DEVICES WITH IMPROVED COMMUNICATION**

**DISPOSITIFS ELECTRIQUES A COMMUNICATION AMELIOREE**

Patent Applicant/Assignee:

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Patent Applicant/Inventor:

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BABBITT William, Zetera Corporation, 22350 Gavilan Road, Perris, CA 92570, US, US (Residence), US (Nationality), (Designated only for: US)

Legal Representative:

FISH Robert (et al) (agent), Rutan & Tucker LLP, 611 Anton Blvd., Suite 1400, Costa Mesa, CA 92626, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200444732 A1 20040527 (WO 0444732)  
Application: WO 2002US40198 20021216 (PCT/WO US02040198)  
Priority Application: US 2002425867 20021112

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (utility model) CZ DE (utility model) DE DK (utility model) DK DM DZ EC EE (utility model) EE ES FI (utility model) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK (utility model) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 6060

Main International Patent Class: G06F-009/00

International Patent Class: G06F-003/00

Fulltext Availability:

Detailed Description

Detailed Description

... light switches, lamps, fans, drape and window shade motor controls, 10 surveillance equipment, traffic **monitoring**, clocks, radios, **network cameras**, televisions, digital telephone answering **devices**, **air conditioners**, furnaces and central air conditioning apparatus." Interestingly, the idea of packet interconnectivity has never previously ...

14/3,K/8 (Item 5 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00845253

**METHOD AND SYSTEM FOR END-TO-END COMMUNICATION OVER THE INTERNET TRANSMISSION INFRASTRUCTURE**

**PROCEDE ET SYSTEME DE COMMUNICATION DE BOUT EN BOUT VIA L'INFRASTRUCTURE DE TRANSMISSION INTERNET**

Patent Applicant/Assignee:

LEA-D CORPORATION LTD, Advatech House, Teradion Industrial Park, 20179 D.N. Misgav, IL, IL (Residence), IL (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

INBAR Shlomo, Z. Grimberg St. 7, 69379 Tel Aviv, IL, IL (Residence), IL (Nationality), (Designated only for: US)

ORON Avi, Yahad, 20193 Misgav, IL, IL (Residence), IL (Nationality), (Designated only for: US)

Legal Representative:

FRIEDMAN Mark M (agent), Beit Samueloff, 7 Haomanim St., 67897 Tel Aviv, IL,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200177853 A1 20011018 (WO 0177853)

Application: WO 2001IL310 20010404 (PCT/WO IL0100310)

Priority Application: IL 135554 20000409

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS  
LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ  
TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 3117

Main International Patent Class: **G06F-015/173**

Fulltext Availability:

Detailed Description

Detailed Description

... wherein a

number of PCs (3d) are connected together with the IPCenter unit. Any end- user premises' **electronic** appliances (4) can be connected to the IPCenter for **monitoring**, metering and remote control, e.g. **air - conditioner** or coffee machine.

The IPCenter unit is connected to the **Internet** (5b) either by a one of the ISPs in which case it uses the ISP...

14/3,K/9 (Item 6 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00839970 \*\*Image available\*\*

**MEDICAL INFORMATION MANAGEMENT SYSTEM AND PATIENT INTERFACE APPLIANCE**  
**SYSTEME DE GESTION D'INFORMATIONS MEDICALES ET SYSTEME INTERFACE PATIENT**

Patent Applicant/Assignee:

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Inventor(s):

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KAIGLER William J, 711 Altman Street, North Huntingdon, PA 15642, US,  
TVERSKAYA Julia, 474 West Charleston Road, Palo Alto, CA 94306, US,  
HUANG Kenny Chitai, 731 Timberpine Avenue, Sunnyvale, CA 94086, US,  
KWOK Andrew, 43622 Skye Road, Freemont, CA 94539, US,

Legal Representative:

GASTINEAU Cheryl L (agent), Reed Smith LLP, P.O. Box 488, Pittsburgh, PA  
15230-0488, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200173653 A1 20011004 (WO 0173653)

Application: WO 2001US9307 20010322 (PCT/WO US0109307)

Priority Application: US 2000192071 20000324; US 2001814143 20010321

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AU BR CA JP

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

Publication Language: English

Filing Language: English  
Fulltext Word Count: 21083

Main International Patent Class: G06F-017/60  
Fulltext Availability:  
Detailed Description

Detailed Description

... a data center so that the results can be accessed by a healthcare professional to **monitor** the patient's medical condition. The Health Buddy' **appliance** and **network** provided by **Heath Hero Network**, Inc. of Mountain View, California, is an example of such a system, which is essentially...

14/3,K/10 (Item 7 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2005 WIPO/Univentio. All rts. reserv.

00835753 \*\*Image available\*\*

**A SYSTEM AND METHOD FOR ENABLING DYNAMICALLY ADAPTABLE USER INTERFACES FOR ELECTRONIC DEVICES**

**SYSTEME ET PROCEDE DE VALIDATION D'INTERFACES UTILISATEUR ADAPTABLES DYNAMIQUEMENT POUR DISPOSITIFS ELECTRONIQUES**

Patent Applicant/Assignee:

EDAPTA INC, 11343 Trailside Way, San Diego, CA 92121, US, US (Residence),  
US (Nationality)

Inventor(s):

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WILDER-SMITH Chris, 69 Rockland Street, Natick, MA 01760, US,

Legal Representative:

ISRAELSEN Ned A (agent), Knobbe, Martens, Olson & Bear, LLP, 16th Floor,  
620 Newport Center Drive, Newport Beach, CA 92660, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200169380 A2-A3 20010920 (WO 0169380)

Application: WO 2001US8151 20010314 (PCT/WO US0108151)

Priority Application: US 2000189191 20000314; US 2000610179 20000705; US  
2000610181 20000705; US 2000610186 20000705

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT (utility model) AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU  
CZ (utility model) CZ DE (utility model) DE DK (utility model) DK DM DZ  
EE (utility model) EE ES FI (utility model) FI GB GD GE GH GM HR HU ID IL  
IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO  
NZ PL PT RO RU SD SE SG SI SK (utility model) SK SL TJ TM TR TT TZ UA UG  
UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 18117

Main International Patent Class: G06F-009/44  
Fulltext Availability:  
Detailed Description

Detailed Description

... is capable of receiving or transmitting information. The electronic device may include: a computer; a **personal** appliance; an ATM; a kiosk; a handheld device; a smart appliance, a network of devices, a networked federation of computers; a game system; **electronic** instrumentation; an automobile; a television; a telephone; a lamp; an **air conditioning** system; a sprinkler system; an elevator; or a **monitoring** and control system for a room, such as family room, an office, or an elevator...the user's preferences and capabilities.

The information source 166 may include: a computer; a **personal** appliance; an ATM; a kiosk; a handheld device; a smart appliance, a network of devices, a networked federation of computers; a game system; **electronic** instrumentation; an automobile; a television; a telephone; a lamp; an **air conditioning** system; a sprinkler system; an elevator; or

a **monitoring** and control system for a room, such as family room, an office, or an elevator...

14/3,K/11 (Item 8 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00811322 \*\*Image available\*\*

ON-DEMAND WEB SERVER

SERVEUR WEB SUR DEMANDE

Patent Applicant/Assignee:

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(Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

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FLOHR Martin, 114 Central Street, Holliston, MA 01746, US, US (Residence)  
, DE (Nationality), (Designated only for: US)

Legal Representative:

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Boston, MA 02110-2804, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200144889 A2-A3 20010621 (WO 0144889)

Application: WO 2000US41741 20001101 (PCT/WO US0041741)

Priority Application: US 99432326 19991102

Parent Application/Grant:

Related by Continuation to: US 99432326 19991102 (CON)

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE  
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT  
LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM  
TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 6366

Main International Patent Class: G06F-015/16

Fulltext Availability:

Detailed Description

Detailed Description

... used for monitoring and controlling many aspects of water quality in both comfort and process cooling and heating systems. Remote device 20 is also used for waste water treatment monitoring and control.

Client 10, after accessing 58 the tapping web server 30, authenticates 60 himself as a valid user of the service and enters the phone...

14/3,K/12 (Item 9 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00761431

**A SYSTEM, METHOD, AND ARTICLE OF MANUFACTURE FOR PROVIDING COMMERCE-RELATED WEB APPLICATION SERVICES**

**SYSTEME, PROCEDE ET ARTICLE MANUFACTURE DESTINES A LA FOURNITURE DE SERVICES D'APPLICATION DANS LE WEB LIES AU COMMERCE**

Patent Applicant/Assignee:

ACCENTURE LLP, 100 South Wacker Drive, Chicago, IL 60606, US, US  
(Residence), US (Nationality)

Inventor(s):

GUHEEN Michael F, 2218 Mar East Street, Tiburon, CA 94920, US,  
MITCHELL James D, 3004 Alma, Manhattan Beach, CA 90266, US,  
BARRESE James J, 757 Pine Avenue, San Jose, CA 95125, US,

Legal Representative:

BRUESS Steven C (agent), Merchant & Gould P.C., P.O. Box 2903,  
Minneapolis, MN 55402-0903, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200073957 A2-A3 20001207 (WO 0073957)

Application: WO 2000US14420 20000525 (PCT/WO US0014420)

Priority Application: US 99321492 19990527

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AT (utility model) AU AZ BA BB BG BR BY CA CH CN CR CU CZ  
CZ (utility model) DE DE (utility model) DK DK (utility model) DM DZ EE  
EE (utility model) ES FI FI (utility model) GB GD GE GH GM HR HU ID IL IN  
IS JP KE KG KP KR KR (utility model) KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (utility model) SL TJ TM  
TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 150171

Main International Patent Class: G06F-017/30

International Patent Class: G06F-017/60 ...

... G06F-009/44

Fulltext Availability:

Detailed Description

Detailed Description



... for  
perimeter defense and electronic commerce. It provides  
stealth to help protect an organization from **Internet**  
attacks.

Product4 SKIP - provides encryption and key  
management capabilities which enables PCs, business A remote-access  
strategy and technology that enables **users** to  
1.10 securely access all **personalized** data, application and information  
from Java-enabled browsers. Business Lnet uses recently acquired  
iPlanet's...

14/3,K/13 (Item 10 from file: 349)  
DIALOG(R) File 349:PCT FULLTEXT  
(c) 2005 WIPO/Univentio. All rts. reserv.

00758785 \*\*Image available\*\*

**A BEVERAGE DISPENSER INCLUDING AN IMPROVED ELECTRONIC CONTROL SYSTEM**  
**DISTRIBUTEUR DE BOISSONS A SYSTEME DE COMMANDE ELECTRONIQUE AMELIORE**

Patent Applicant/Assignee:

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US (Residence), US (Nationality)

Inventor(s):

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CHADWELL Thomas J, 3539 Oakhorne, San Antonio, TX 78247, US

Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200072178 A1 20001130 (WO 0072178)

Application: WO 2000US13870 20000519 (PCT/WO US0013870)

Priority Application: US 99135076 19990520

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AL AM AU AZ BA BB BG BR BY CA CN CR CU CZ DM EE GD GE GH GM HR HU ID

IL IN IS JP KE KG KR KZ LC LK LR LS LT LV MA MD MG MK MN MW MX NZ PL RO

RU SD SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Filing Language: English

Fulltext Word Count: 24205

Main International Patent Class: **G06F-017/00**

Fulltext Availability:

Detailed Description

Claims

Detailed Description

... beverages through the control of one or more dispensing valves and  
pumps associated therewith. The **electronic** control system further  
**monitors** and regulates a refrigeration **unit** responsible for **cooling**  
the beverage, which typically consists of a Zbeverage syrup and a  
diluent, such as carbonated...

Claim

... of a beverage dispenser,  
comprising the steps of  
providing a beverage dispenser, comprising:

a refrigeration unit including a frozen cooling fluid monitoring system; and  
an **electronic** control system, comprising:  
a refrigeration control to permit interfacing with the refrigeration unit;  
a microcontroller...

14/3,K/14 (Item 11 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00753767 \*\*Image available\*\*

**DYNAMIC MESSAGING SYSTEM AND METHOD**

**PROCEDE ET SYSTEME DE MESSAGERIE DYNAMIQUE**

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200067141 A1 20001109 (WO 0067141)

Application: WO 2000US11853 20000501 (PCT/WO US0011853)

Priority Application: US 99131605 19990429; US 2000561103 20000428

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES  
FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU  
LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT  
TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 24134

Main International Patent Class: **G06F-015/16**

Fulltext Availability:

Detailed Description

Detailed Description

... can

receive commands from master controller 36 and operate or  
act according to the command. **Internet** appliances 37-39  
may include equipment that affect or **monitor** the various  
parameters of the premises. For example, **Internet**  
**appliances** 37-39 may include **heating** and air  
conditioning, lighting, video equipment, audio equipment,  
sprinklers, security cameras, infrared sensors, smoke  
detectors...

14/3,K/15 (Item 12 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00753766 \*\*Image available\*\*

INTERNET CONTROL SYSTEM COMMUNICATION PROTOCOL AND METHOD  
PROTOCOLE DE COMMUNICATION DE SYSTEME DE COMMANDE INTERNET ET PROCEDE  
CORRESPONDANT

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200067140 A1 20001109 (WO 0067140)  
Application: WO 2000US11851 20000501 (PCT/WO US0011851)  
Priority Application: US 99131605 19990429; US 2000561102 20000428

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES  
FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU  
LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT  
TZ UA UG US UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 24241

Main International Patent Class: G06F-015/16

Fulltext Availability:

Detailed Description

Detailed Description

... can

receive commands from master controller 36 and operate or  
act according to the command. **Internet** .- appliances 37-39  
may include equipment that affect or **monitor** the various  
parameters of the premises. For example, **Internet**  
**appliances** 37-39 may include **heating** and air  
conditioning, lighting, video equipment, audio equipment,  
sprinklers, security cameras, infrared sensors, smoke

detectors...

14/3,K/16 (Item 13 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00753762 \*\*Image available\*\*

**INTERNET CONTROL SYSTEM AND METHOD**

**METHODE ET SYSTEME DE COMMANDE D'INTERNET**

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200067135 A1 20001109 (WO 0067135)

Application: WO 2000US11796 20000501 (PCT/WO US0011796)

Priority Application: US 99131605 19990429; US 2000561105 20000428

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES  
FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU  
LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT  
TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 25874

Main International Patent Class: G06F-013/38

International Patent Class: G06F-015/17

Fulltext Availability:

Detailed Description

Detailed Description

... can

receive commands from master controller 36 and operate or  
act according to the command. **Internet** appliances 37-39  
may include equipment that affect or **monitor** the various  
parameters of the premises. For example, **Internet**  
**appliances** 37-39 may include **heating** and air

conditioning, lighting, video equipment, audio equipment,  
sprinklers, security cameras, infrared sensors smoke  
detectors...

14/3,K/17 (Item 14 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00753761 \*\*Image available\*\*

**INTERNET APPLICATION CONTROL SYSTEM AND METHOD**

**SYSTEME ET PROCEDE DE GESTION D'APPLICATIONS INTERNET**

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200067134 A1 20001109 (WO 0067134)

Application: WO 2000US11797 20000501 (PCT/WO US0011797)

Priority Application: US 99131605 19990429; US 2000561104 20000428

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES  
FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU  
LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT  
TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 26237

Main International Patent Class: G06F-013/14

International Patent Class: G06F-015/16

Fulltext Availability:

Detailed Description

Detailed Description

... can

receive commands from master controller 36 and operate or  
act according to the command. **Internet** appliances 37-39  
may include equipment that affect or **monitor** the various  
parameters of the premises. For example, **Internet**  
**appliances** 37-39 may include **heating** and air  
conditioning, lighting, video equipment, audio equipment,  
sprinklers, security cameras, infrared sensors, smoke  
detectors...